(19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 7 April 2005 (07.04.2005)

PCT

(10) International Publication Number WO 2005/031085 A1

(51) International Patent Classification7: 13/08, E04C 2/00

E04F 19/06,

(21) International Application Number:

PCT/AU2004/001314

(22) International Filing Date:

24 September 2004 (24.09.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

2003905292

26 September 2003 (26.09.2003) AU

2003906894 11 December 2003 (11.12.2003) AU

(71) Applicant (for all designated States except US):

- (71) Applicant (for all designated States except US): COASTAL INNOVATIONS PTY LTD [AU/AU]; 453 Ocean Drive, Laurieton, NSW 2443 (AU).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): WILLIAMS, Kevin [AU/AU]; 453 Ocean Drive, Laurieton, NSW 2443 (AU). TAYLOR, Alan [AU/AU]; 453 Ocean Drive, Laurieton, NSW 2443 (AU).

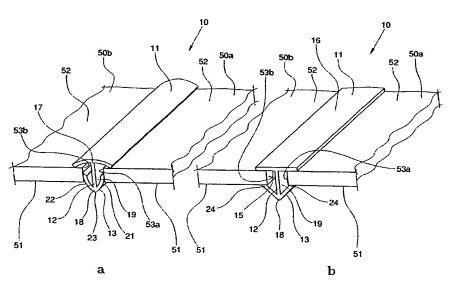
- (74) Agent: F B RICE & CO; 605 Darling Street, Balmain NSW 2041 (AU).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

[Continued on next page]

(54) Title: A DEVICE FOR JOINING PANELS



(57) Abstract: A joining member (10) for bridging a gap between a first (50a) and at least one second panel (50b) wherein the joining member (10) comprises a flange member (11), one or more extension members (12) extending from the flange member (11), and at least one retaining member (21 or 22) connected to the extension member (12). The retaining member (21 or 22) is moveable relative to the extension member (12) between a first configuration and a second configuration, the retaining member (12) in the second configuration being insertable in use through the gap between the first and at the least one second panel. When inserted through the gap, the retaining member (21 or 22) is engageable with a rear surface (51), relative to the flange member, of each panel and the flange member substantially bridges the gap between the first and second panels.